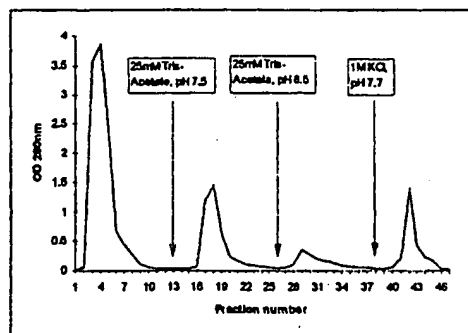




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(54) Title: PURIFICATION OF FIBRINOGEN FROM MILK BY USE OF CATION EXCHANGE CHROMATOGRAPHY



Purification of fibrinogen from solubilised skimmed milk by cation exchange chromatography using a combination of 2 pH elution and 1 salt elution steps.

(57) Abstract

Fibrinogen is obtained from milk by contact with a cation exchange chromatography substrate under conditions where the fibrinogen binds to the substrate, followed by optional washing of the substrate. The bound fibrinogen is removed from the substrate by irrigation under increased ionic strength or increased pH conditions. The obtained fibrinogen may be naturally produced or transgenic.